| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|--------|---|---|---------------------|---------|------------------|
| L1 | 10 | (("4312762") or ("5860232") or ("3718367") or ("4945661")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/25 08:18 |
| S1 | 838042 | catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:04 |
| S2 | 2850 | S1 and robot\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:05 |
| S3 | 528 | S2 and reactor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:05 |
| S4 | 334 | S3 and vessel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:34 |
| S5 | 23 | S4 and suction\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:07 |
| S6 | 77 | S4 and (reactor adj vessel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:07 |
| S7 | 8 | S6 and suction\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:13 |

| S8 | 36611 | "141"/\$.ccls. | US-PGPUB; USPAT; | OR | ON | 2004/03/26 14:13 2004/03/26 14:15 2004/03/26 14:15 2004/03/26 14:34 |
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| | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| S9 | 227 | S8 and catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:13 |
| S10 | 8 | S9 and robot\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:15 |
| S11 | 92 | S9 and (vacuum suction\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:15 |
| S12 | 9963 | robot and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:34 |
| S13 | 23 | S12 and (hazardous adj waste) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:34 |
| S14 | 5 | S13 and (vacuum suction\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/26 14:35 |
| S15 | 946709 | catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |

| S16 | 4968 | S15 and robot\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
|-----|-------|------------------------------|---|------|----|------------------|
| S17 | 989 | S16 and reactor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S18 | 600 | S17 and vessel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S19 | 41 | S18 and suction\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S20 | 149 | S18 and (reactor adj vessel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S21 | 13 | S20 and suction\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S22 | 38375 | "141"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/24 15:17 |
| S23 | 293 | S22 and catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |

| 62.4 | | | T | | Γ | 2006/07/24 17 17 |
|------|--------|-------------------------------|---|----|----|------------------|
| S24 | 15 | S23 and robot\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S25 | 124 | S23 and (vacuum suction\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S26 | 14865 | robot and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S27 | 46 | S26 and (hazardous adj waste) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S28 | 10 | S27 and (vacuum suction\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:17 |
| S29 | 946709 | catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S30 | 4968 | S15 and robot\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S31 | 989 | S16 and reactor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |

| S32 | 600 | S17 and vessel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
|-----|-------|------------------------------|---|----|----|------------------|
| S33 | 41 | S18 and suction\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S34 | 149 | S18 and (reactor adj vessel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 16:22 |
| S35 | 13 | S20 and suction\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S36 | 38375 | "141"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S37 | 293 | S22 and catalyst | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S38 | 15 | S23 and robot\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S39 | 124 | S23 and (vacuum suction\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |

| S40 | 14865 | robot and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
|-----|-------|-------------------------------|--|----|----|------------------|
| S41 | 46 | S26 and (hazardous adj waste) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S42 | 10 | S27 and (vacuum suction\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:20 |
| S43 | 5 | ("5228484").URPN. | USPAT | OR | ON | 2006/07/24 15:36 |
| S44 | 98133 | reactor and vacuum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:36 |
| S45 | 53611 | S44 and catalyst | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:37 |
| S46 | 552 | S45 and robot\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:37 |
| S47 | 7 | S46 and (remote adj control) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 15:37 |

| S48 | 8 | S34 and auger | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 16:26 |
|-----|------|--|---|----|----|------------------|
| S49 | 1007 | catalyst and auger and (suction vacuum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 16:31 |
| S50 | 51 | S49 and (reactor adj vessel) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 16:27 |
| S51 | 1 | S49 and (cleaning adj arm) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/24 16:31 |
| S52 | 7 | ("4031031" "4342699" "5048601" "5206431" "5228484" "6069217" "6153767").PN. OR ("6723171").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/24 16:52 |
| S53 | 1128 | 141/65.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/24 16:52 |
| S54 | 17 | S53 and auger | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/24 16:55 |